

COPY

CLAIMS

138. An inkjet printhead having a series of ink ejection nozzles for the ejection of ink, each of said nozzles interconnecting a nozzle chamber with an external atmosphere, each said nozzle having a first meniscus rim around which an ink meniscus normally forms, and an extended ink flow prevention rim spaced outwardly from said first meniscus rim and substantially encircling said first meniscus rim, arranged to prevent the flow of ink across the surface of said inkjet printhead.
139. An inkjet printhead as claimed in claim 138 wherein said first meniscus rim and said extended ink flow prevention rim are spaced apart by a pit arranged to contain ink.
140. An inkjet printhead as claimed in claim 138 wherein said ink flow prevention rim is substantially co-planar with said first meniscus rim.
141. An inkjet printing arrangement as claimed in claim 138 wherein said ink flow prevention rim is formed from the same material as said first meniscus rim.
142. An inkjet printing arrangement as claimed in claim 138 wherein said ink flow prevention rim and said first meniscus rim are formed utilizing chemical mechanical planarization.
143. An inkjet printing arrangement as claimed in claim 138 wherein said ink flow prevention rim and said first meniscus rim are formed from PECVD TEOS.
144. An inkjet printing arrangement as claimed in claim 138 wherein said ink flow prevention rim and said first meniscus rim are formed from silicon nitride.